

Comparisons of Job Characteristics

Focus Occupation: [Health Technologists and Technicians, All Other \(29-2099\)](#)

Associated Occupation: [Registered Nurses \(29-1111\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 89

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Registered Nurses (29-1111)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Psychology	6.4	19.5	10.5	<< Extensive education and/or training may be required
Customer and Personal Service	11.3	18.5	15.5	< Expanded education and/or training may be required
Medicine and Dentistry	3.7	17.8	15.1	< Expanded education and/or training may be required
Therapy and Counseling	3.8	16.2	6.4	<< Extensive education and/or training may be required
Education and Training	9.2	14.7	10.2	<< Extensive education and/or training may be required
Biology	3.7	13.3	8.0	<< Extensive education and/or training may be required
Sociology and Anthropology	4.1	12.1	6.1	<< Extensive education and/or training may be required
Chemistry	4.8	9.8	5.9	<< Extensive education and/or training may be required
Philosophy and Theology	3.2	9.2	3.9	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 95

Focus Occupation: Health Technologists and Technicians, All Other (29-2099)

Associated Occupation: Registered Nurses (29-1111)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
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Social Perceptiveness	9.1	14.9	11.3	<<	Extensive development of skills in this area may be required
Monitoring	9.9	13.6	11.0	<	A higher skill level may be required
Service Orientation	7.9	12.7	10.4	<	A higher skill level may be required
Judgment and Decision Making	9.4	12.5	9.8	<	A higher skill level may be required
Active Learning	8.7	12.2	9.9	<	A higher skill level may be required
Coordination	9.1	12.2	9.4	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 97			
Focus Occupation: Health Technologists and Technicians, All Other (29-2099) Associated Occupation: Registered Nurses (29-1111)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Problem Sensitivity	11.1	17.3	13.5	<<	Extensive improvement in abilities may be required
Inductive Reasoning	10.2	15.3	11.5	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	14.0	11.6	<	Some improvement in abilities may be required
Speech Recognition	9.9	13.5	10.6	<<	Extensive improvement in abilities may be required
Information Ordering	9.9	12.8	10.9	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	10.9	8.8	<	Some improvement in abilities may be required
Speed of Closure	5.9	9.5	6.2	<<	Extensive improvement in abilities may be required
Memorization	5.6	8.1	5.6	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

There are no common work activities.

Tools and Technologies that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 86
Focus Occupation: Health Technologists and Technicians, All Other (29-2099) Associated Occupation: Registered Nurses (29-1111)		
Tools and Technologies	Exclusivity	
Acute care monitoring units and related products	22	
Blood pressure units and related products	11	

Computers	1
Content authoring and editing software	1
Data management and query software	1
Diagnostic assessment and exam products for general use	21
Electrotherapy equipment	31
Enema administration supplies	31
Floor grade instruments	30
Industry specific software	1
Intravenous and arterial tubing and administration sets and related products	22
Laboratory microscope slides and supplies	20
Medical exam size measuring devices	24
Medical gloves and accessories	19
Medical radiological positioning aids	47
Medical staff clothing and related articles	17
Medical suction and vacuum products	33
Medical thermometers and accessories	31
Medical ultrasound and doppler and echo imaging products	19
Medical weight scales	35
Network applications software	1
Neurological exam products	30
Ophthalmic diagnostic exam products	27
Oxygen therapy delivery systems and devices	13
Patient beds and accessories	30
Pulse oximeters	18
Resuscitation supplies	29
Scopes and specula and accessories for medical exam diagnostic use	23
Specimen collection and transport containers and supplies	14
Stethoscopes and related products	14
Surgical clamps and forceps and surgical ligators and related instruments	29
Surgical cutting instruments and snares and related products	24
Suture and related products	23
Suture and surgical tissue closure instruments and related products	33
Syringes and accessories	14
Urological supplies	40
Vision protection and accessories	3

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.